

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits  | Search Query  | DBs                       | Default Operator | Plurals | Time Stamp          |
|-------|-------|---|---------------------------|------------------|---------|---------------------|
| L11   | 21331 | 429/12-46.CCLS.   | US-PGPUB;<br>USPAT; USOCR | ADJ              | ON      | 2010/06/03<br>13:44 |
| L12   | 1     | L11 AND (fuel cell SAME vehicle SAME seebeck)   | US-PGPUB;<br>USPAT; USOCR | ADJ              | ON      | 2010/06/03<br>13:44 |
| L13   | 5     | L11 AND (fuel cell SAME vehicle) AND seebeck  | US-PGPUB;<br>USPAT; USOCR | ADJ              | ON      | 2010/06/03<br>13:45 |
| L14   | 2     | "20040101750"   | US-PGPUB;<br>USPAT; USOCR | ADJ              | ON      | 2010/06/03<br>13:47 |
| S1    | 1     | ("20060216559").PN.   | US-PGPUB;<br>USPAT; USOCR | OR               | OFF     | 2009/02/03<br>12:03 |
| S2    | 6     | ((("2002141077") or ("2003086223") or ("2002238272")).PN. or (19/825872).APP.         | DERWENT                   | OR               | OFF     | 2009/02/03<br>12:04 |
| S3    | 39    | ((GERARD) near2 (OLIVIER)).INV.   | US-PGPUB;<br>USPAT; USOCR | ADJ              | ON      | 2009/02/03<br>12:05 |
| S4    | 1     | ((SEBASTIEN) near2 (SAMUEL)).INV.   | US-PGPUB;<br>USPAT; USOCR | ADJ              | ON      | 2009/02/03<br>12:05 |
| S5    | 241   | ((ROBERT) near2 (YU)).INV.  | US-PGPUB;<br>USPAT; USOCR | ADJ              | ON      | 2009/02/03<br>12:05 |
| S7    | 2516  | 429/26.CCLS.  | US-PGPUB;<br>USPAT; USOCR | ADJ              | ON      | 2009/02/03<br>16:28 |
| S8    | 36    | S7 AND (thermo \$1electric OR thermoelectric OR thermo electric)                      | US-PGPUB;<br>USPAT; USOCR | ADJ              | ON      | 2009/02/03<br>16:29 |
| S9    | 7     | S7 AND P\$1type AND N \$1type   | US-PGPUB;<br>USPAT; USOCR | ADJ              | ON      | 2009/02/03<br>16:36 |
| S10   | 57631 | "429".CLAS.   | US-PGPUB;<br>USPAT; USOCR | ADJ              | ON      | 2009/02/03<br>16:45 |
| S11   | 1490  | S10 AND fuel cell AND ((cool\$3 OR cold) NEAR cell)                                   | US-PGPUB;<br>USPAT; USOCR | ADJ              | ON      | 2009/02/03<br>16:45 |
| S12   | 20    | S11 AND thermoelectric  | US-PGPUB;<br>USPAT; USOCR | ADJ              | ON      | 2009/02/03<br>16:46 |
| S13   | 449   | 136/239.CCLS.   | US-PGPUB;<br>USPAT; USOCR | ADJ              | ON      | 2009/02/03<br>16:56 |
| S14   | 57    | S13 AND (N\$1type SAME ((silicon OR Si) AND (germanium OR Ge) AND (phospho\$4 OR P))) | US-PGPUB;<br>USPAT; USOCR | ADJ              | ON      | 2009/02/03<br>16:57 |

|     |       |  |                           |     |     |                     |
|-----|-------|--|---------------------------|-----|-----|---------------------|
| S15 | 42    | S14 AND (P\$1type SAME ((silicon OR Si) AND (germanium OR Ge) AND (Boron OR B)))   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2009/02/03<br>16:58 |
| S16 | 15    | S13 AND ((N\$1type AND P\$1type) SAME connect \$4 SAME (molybdenum OR Mo))   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2009/02/03<br>17:06 |
| S17 | 57631 | "429".CLAS.  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2009/02/04<br>08:36 |
| S18 | 1490  | S17 AND fuel cell AND ((cool\$3 OR cold) NEAR cell)  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2009/02/04<br>08:36 |
| S19 | 367   | S18 AND (cell NEAR (adjacent OR fac\$3))   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2009/02/04<br>08:36 |
| S22 | 79    | S17 AND (fuel cell NEAR (between OR adjacent OR fac\$3) NEAR (cold OR cool\$3))  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2009/02/04<br>11:51 |
| S23 | 4     | ((("3964929" or ("3964930" or ("3969145" or ("4233369")).PN.   | US-PGPUB;<br>USPAT; USOCR | OR  | OFF | 2009/02/04<br>12:17 |
| S24 | 1     | ("20060216559").PN.  | DERWENT                   | OR  | OFF | 2010/05/18<br>13:46 |
| S25 | 1     | ("2002141077").PN.   | DERWENT                   | OR  | OFF | 2010/05/18<br>13:53 |
| S26 | 48    | ("3923546").PN. OR ("3964930").URPN.   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2010/05/31<br>13:18 |
| S27 | 21331 | 429/12-46.CLS.   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2010/05/31<br>13:23 |
| S28 | 344   | S27 AND (thermoelectric OR seebeck OR P type OR N type)  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2010/05/31<br>13:24 |
| S29 | 888   | (thermoelectric SAME ((bipolar OR monopolar OR end) WITH plate))   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2010/06/01<br>13:21 |
| S30 | 15    | S29 AND fuel cell  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2010/06/01<br>13:21 |
| S31 | 14    | ("2938357"   "3006979"   "4065936"   "4292579"   "4730459"   "4971632"   "5254178"   "5362983"   "5441576").PN. OR ("5959240").URPN. | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2010/06/01<br>13:26 |
| S32 | 3     | S31 AND fuel cell  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2010/06/01<br>13:27 |
| S33 | 2     | ("2002141077").PN.   | JPO; DERWENT              | OR  | OFF | 2010/06/01<br>14:13 |

|     |       |   |                           |     |    |                     |
|-----|-------|---|---------------------------|-----|----|---------------------|
| S34 | 45131 | (SONY).AS.  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2010/06/01<br>14:36 |
| S35 | 42    | S34 AND thermoelectric                            | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2010/06/01<br>14:36 |
| S36 | 0     | S35 AND fuel cell                                 | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2010/06/01<br>14:36 |
| S37 | 38    | fuel cell AND<br>thermoelectric AND<br>electrode  | DERWENT                   | ADJ | ON | 2010/06/01<br>14:38 |
| S38 | 1300  | (thermoelectric WITH<br>electrode)                | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2010/06/01<br>14:47 |
| S39 | 29    | (thermoelectric WITH<br>electrode) SAME fuel cell | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2010/06/01<br>14:47 |

6/3/2010 1:56:33 PM

C:\Documents and Settings\akwon\My Documents\EAST\Workspaces\10-560822 -  
Cogeneration of electricity (seebeck).wsp